MODEL: LUM-1Z138W

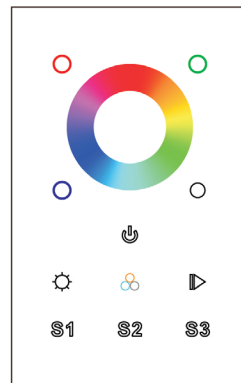# IN-WALL MOUNTED RGB CONTROLLER SERIES
1 ZONE CONTROL-HARDWIRED CONNECTION

Control Lumilum RGB Lighting in one zone using one or as many RGB receivers as required. All receivers will respond to the same color changes. Controller is hardwired to the receiver. This controller uses DMX technology.

PRODUCTS REQUIRED

In-Wall RGB Controller
LUM-1Z138W
• Controls 1 zone
• 3 scenes saving options (S1, S2, S3)
• Glass touch panel
• Capability to control RGB plus a white
  (Single Color LED Strip)

LUM-PA9120
Power Supply
12-24VDC

Transformer for Controller
LUM-PA9120 (included with controller)

RGB DMX Hardwired Receiver
LUM-DMX212
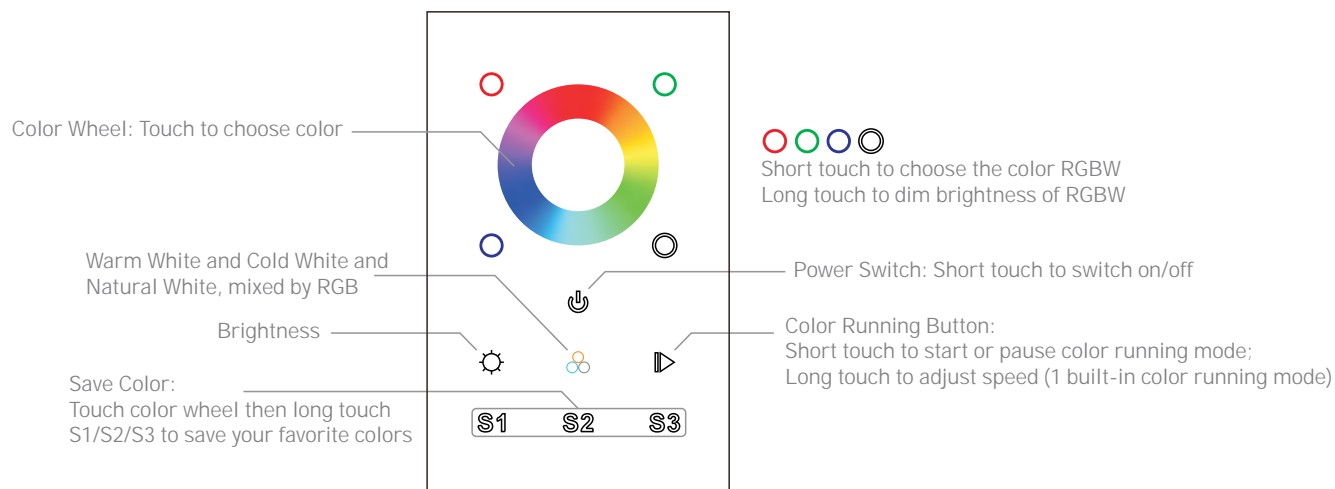
POWER SOURCES

Plug-In LED Power Adapter
PA2496W2

OR

Lumilum LED Strip Light
24305RGB

Mean Well LED Driver
MW10024H

TECHNICAL SPECIFICATIONS

Controller Instructions

Color Wheel: Touch to choose color

Warm White and Cold White and Natural White, mixed by RGB

Brightness

Save Color:
Touch color wheel then long touch
S1/S2/S3 to save your favorite colors

Short touch to choose the color RGBW
Long touch to dim brightness of RGBW

Power Switch: Short touch to switch on/off

Color Running Button:
Short touch to start or pause color running mode;
Long touch to adjust speed (1 built-in color running mode)
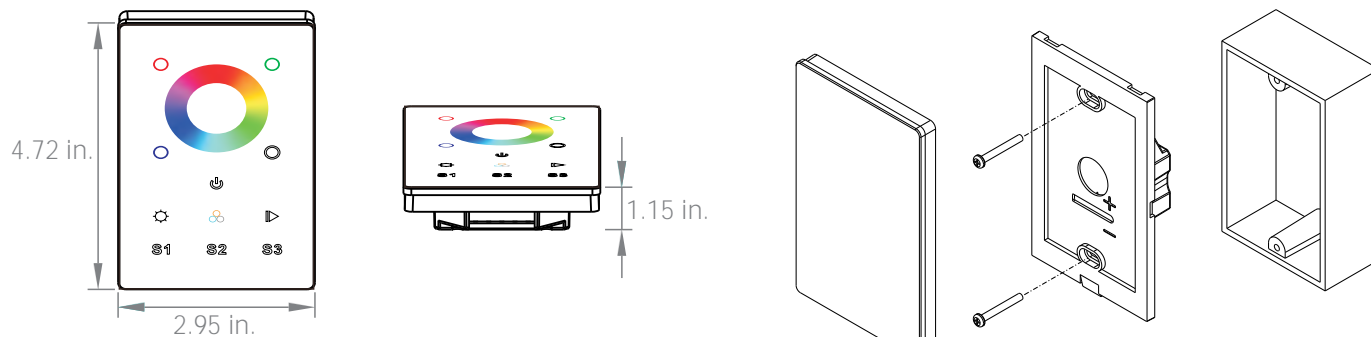
Note: Controller requires a transformer, LUM-PA9120 (included with controller)

Parameters

Part No.	Operation Voltage	Output	Dimensions
LUM-1Z138W	12-24VDC	434MHz/868MHz	4.72 x 2.95 x 1.15 in.

Dimensions & Installation

4.72 in.

2.95 in.

1.15 in.

Receiver Installation

1. Install following the installation diagram.
2. Set DMX Address to 001. (Receiver automatically sets 001, 002, 003 and 004 to control RGB colors).
3. Each DMX Receiver can power up to 8 Lumilum RGB Strip Lights (24V/72W per roll).
4. Several receivers can be controlled by one controller as shown in the diagram.
5. Use 18 gage color coded wire.
6. Do not use a power source > 600W 24V.

TECHNICAL SPECIFICATIONS

Installation Diagram

LUM-PA9120
Power Supply
12-24VDC

In-Wall RGB
Controller
LUM-1Z138W

Power Supply
12-36VDC

110V-230VAC

LUM-DMX212
DMX512 Decoder

Up to 8 Rolls of Lumilum RGB LED
Strip Light (131.2 ft. total) per receiver

Power Supply
12-36VDC

110V-230VAC

LUM-DMX212
DMX512 Decoder

Up to 8 Rolls of Lumilum RGB LED
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